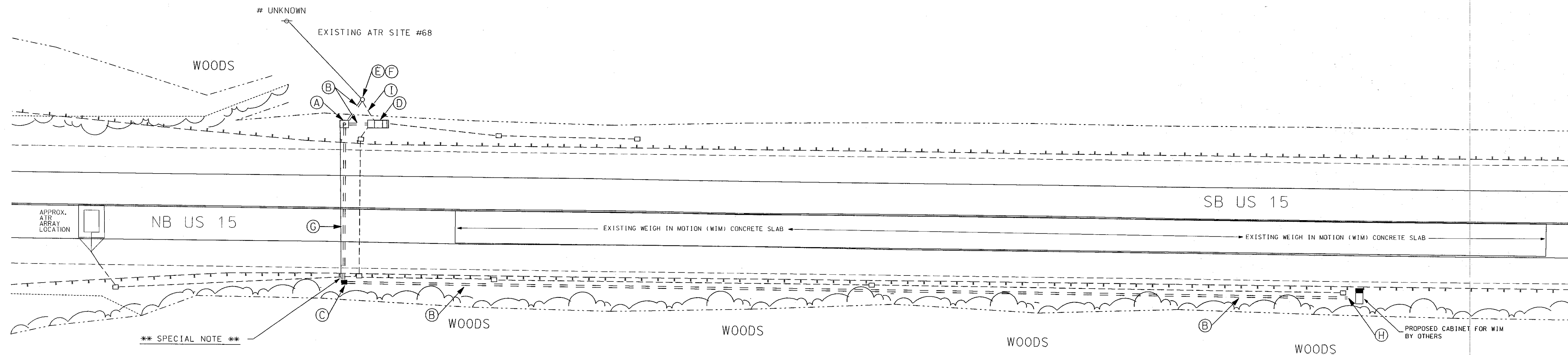


US 15 IS CONSIDERED TO RUN IN  
A NORTH SOUTH DIRECTION.

#### PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE UPGRADE OF THE EXISTING SERVICE FEED FOR ATR SITE #68 FROM A POLE MOUNTED METER AND DISCONNECT TO A METERED SERVICE PEDESTAL IN ORDER TO PROVIDE POWER AND COMMUNICATIONS TO THE NEWLY INSTALLED WEIGH IN MOTION STATION (WIM) LOCATED IN THE NB LANES OF US 15.



**\*\* SPECIAL NOTE \*\***

THE CONTRACTOR SHALL TEST PIT THIS AREA TO FIND AND AVOID DAMAGING THE EXISTING CONDUIT FOR THE ATR LOOPS LOCATED IN THE NB LANES OF US 15.

#### CONSTRUCTION DETAILS

- INSTALL METERED SERVICE PEDESTAL
- INSTALL 3" CONDUIT TRENCHED
- INSTALL ELECTRICAL HANDBOX
- TIE INTO EXISTING 3" CONDUIT IN CABINET FOUNDATION FOR NEW POWER FEED
- INSTALL 3" WEATHERHEAD AND 3" GALVANIZED RISER TO BE TIED INTO PVC CONDUIT AT POLE BASE.
- REMOVE EXISTING METER AND DISCONNECT
- INSTALL 3" CONDUIT SLOTTED
- STUB OUT CONDUIT RUN 2' ABOVE GRADE FOR TIE IN BY OTHERS
- DISCONNECT AND ABANDON EXISTING CONDUIT AND POWER FEED

#### A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

NONE

#### B. EQUIPMENT TO BE SUPPLIED AND OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	1 CY	TEST PIT EXCAVATION
8003	1 EA	FURNISH AND INSTALL 3/4" TO 3" BLIND COUPLING WELDED AND GALV.
8019	1 EA	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
8031	450 LF	#6 STRANDED BARE COPPER GROUND WIRE
8034	30 LF	3" ELECTRICAL CONDUIT-GALVANIZED RISER
8035	1 EA	FURNISH AND INSTALL 3" WEATHERHEAD
8040	400 LF	FURNISH AND INSTALL 3" SCH 80 RIGID PVC CONDUIT-TRENCHED
8043	45 LF	FURNISH AND INSTALL 3" SCH 80 RIGID PVC CONDUIT-SLOTTED
8048	150 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR #4AWG-THHN/THWN
8049	1000 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR #8AWG-THHN/THWN
8046	1 EA	FURNISH AND INSTALL METERED SERVICE PEDESTAL

#### C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

NONE. ALL EQUIPMENT REMOVED IN ACCORDANCE WITH THESE PLANS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

#### PROJECT CONTACTS

MS. SHERRY STROTHER  
ALLEGHENY POWER  
1-309-367-3370

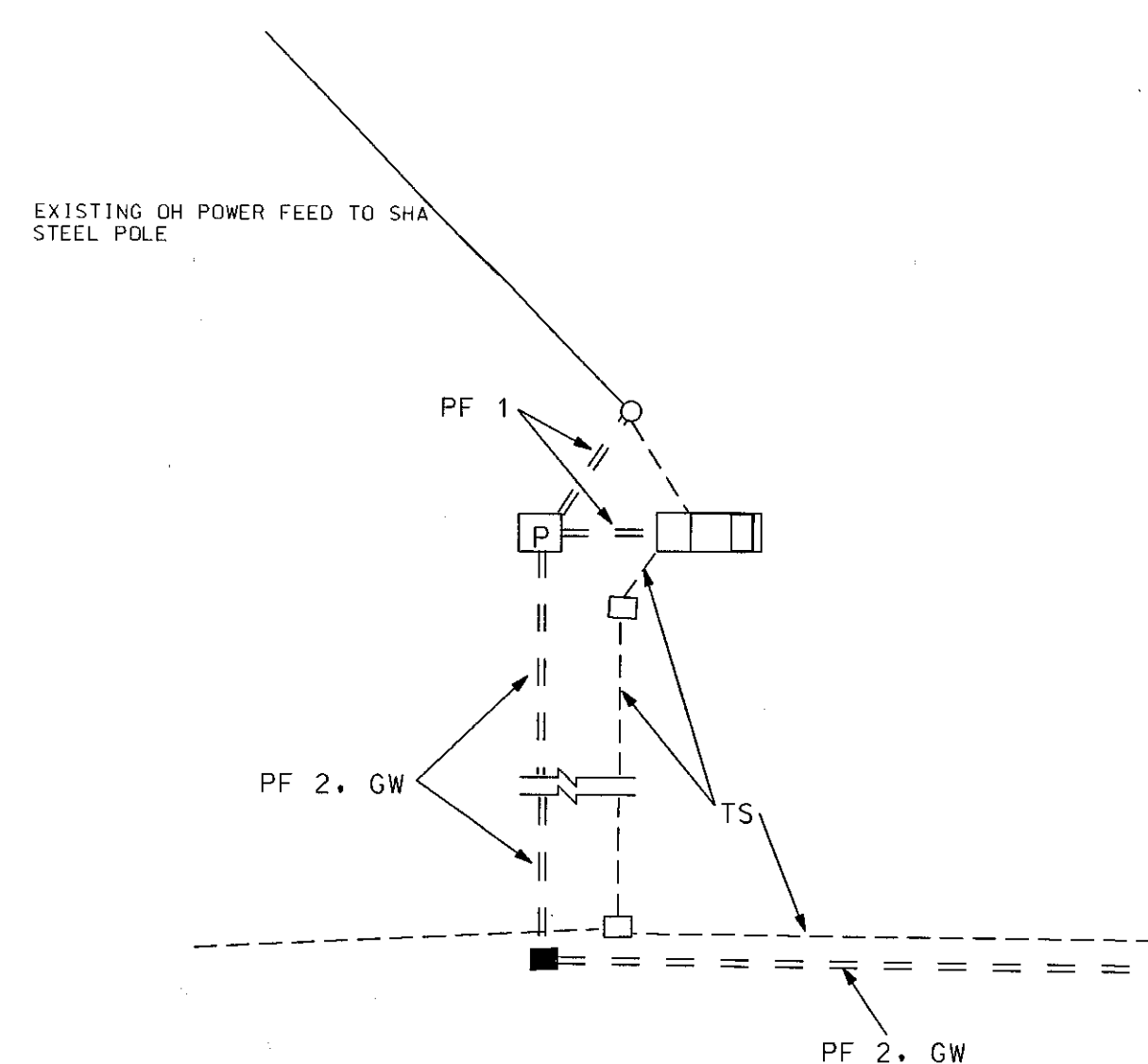
MS. ANDREA ABEND  
DISTRICT UTILITY ENGINEER  
1-301-624-8116

MR. JOHN CONCANNON  
ASST DIST ENG-TRAFFIC  
1-301-624-8141

MR. RICHARD DAFF  
CHIEF, TRAFFIC OPERATIONS DIVISION  
1-410-787-7630

MR. DAVE ANDERSON, JUNIOR  
TEAM LEADER, SHA ITS SECTION  
1-410-747-8590

- PF 1 1-CON #4 AWG NEW POWER FEED TO SERVICE PEDESTAL AND SHA CABINET
- TS TELEPHONE SERVICE TO BE INSTALLED IN EXISTING CONDUIT BY OTHERS FOR WIM STATION
- PF 2 1-CONDUCTOR #8AWG POWER TO WIM CABINET
- GW #6 STRANDED BARE COPPER WIRE



REVISIONS		APPROVALS	
		<i>Richard Daff</i> 3-3-05 TEAM LEADER, TRAFFIC OPERATIONS DIVISION	
		<i>John Concannon</i> 3-3-05 ASST. CHIEF, TRAFFIC OPERATIONS DIVISION	
		<i>John Concannon</i> 3-3-05 DIRECTOR, TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

SHA# 23855T2510122

DATE: MARCH 1, 2005

SCALE: 1:20

COUNTY: FREDERICK

LOG MILE: 10001504.62

T.I.M.S. NO. G973

TS NO. N/A

SHEET NO. 1 OF 1

SHA# 23855T2510122

DATE: MARCH 1, 2005